



## **Request for City Council Committee Action From the Department of Public Works**

**Date:** July 21, 2009

**To:** Honorable Sandra Colvin Roy, Chair Transportation & Public Works Committee

**Subject:** **Clean Water Revolving Fund Submission**

**Recommendation:**

1. Authorize Public Works to submit an application for Clean Water Revolving Funds in the Total Maximum Daily Load (TMDL) Grant Program which is administered by the Minnesota Public Facilities Authority (PFA) in cooperation with the Minnesota Pollution Control Agency (MPCA)

**Previous Directives:**

None

**Prepared by:** Lisa Cerney, Surface Water and Sewers, 612-673-3061

**Approved by:**

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Steven A. Kotke, P.E., City Engineer, Director of Public Works

**Presenters:** Lisa Cerney, Department of Public Works, Surface Water and Sewers

**Reviews**

Permanent Review Committee (PRC):	Approval	NA	Date
Civil Rights Affirmative Action Plan	Approval	NA	Date
Policy Review Group (PRG):	Approval	NA	Date

**Financial Impact**

No Financial Impact

**Community Impact**

Neighborhood Notification: Not Applicable

City Goals: A SAFE PLACE TO CALL HOME: the city's infrastructure will be well-maintained, people will feel safe in the city.

Comprehensive Plan: Not Applicable

Zoning Code: Not Applicable

## **Background/Supporting Information**

The City will prepare an application for Clean Water Revolving Funds in the Total Maximum Daily Load (TMDL) Grant Program which is administered by the Minnesota Public Facilities Authority (PFA) in cooperation with the Minnesota Pollution Control Agency (MPCA). The program has been established to provide grants to governmental units to assist with the cost of stormwater treatment to meet waste load reduction requirements under approved TMDL implementation plans. It provides grants for 50% of eligible costs up to a maximum of \$3 million. The City's Flood Area 5 Project (see description below) is listed and ranked on the MPCA Project Priority List.

The City is requesting to submit an application in the Clean Water Revolving Fund Program.

### **Flood Area 5 Green Infrastructure Demonstration Project (3,750,000)**

This project is located in north Minneapolis, within an area that drains to Crystal Lake in Robbinsdale, thence to Shingle Creek, re-enters Minneapolis and discharges to the Mississippi River. Crystal Lake is impaired for nutrients and a TMDL Study has been completed and submitted to the MPCA for approval. A "piped only" solution would not address all of the goals for the project: protect homes from damage caused by right-of-way flooding, make water quality improvements for Crystal Lake, improve community livability, sustainability, and sense of place, and possibly reduce stress downstream on the stormwater system, reduce the risk of overflows. A variety of tools distributed throughout the subwatershed are needed to add enough capacity without adverse effect on Crystal Lake. A greenway approach (with auxiliary underground infrastructure) is proposed, creating not stormwater storage but also "green" amenities, heightened public awareness about stormwater, and water quality improvements for impaired Crystal Lake. The concept has been finalized. Engineering and design for the first phase (demonstration project in small, independent portion of the area) are nearly complete with construction possible in the fall of 2009.

C: CM Johnson  
Mike Abeln, Finance